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1627

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/050,359B

DATE: 05/29/2002  
TIME: 17:37:41.

Input Set : A:\SequenceListing.txt  
Output Set: N:\CRF3\05292002\I050359B.raw

**ENTERED**

**H80**

#### SEQUENCE LISTING

4 (1) GENERAL INFORMATION:

6 (i) APPLICANT: FOWLKES, Dana M

7 KAY, Brian K

8 FRELINGER, Jeffrey A

9 HYDE-DERUYSCHER, Robin P

11 (ii) TITLE OF INVENTION: IDENTIFICATION OF DRUGS USING  
12 COMPLEMENTARY COMBINATORIAL LIBRARIES

14 (iii) NUMBER OF SEQUENCES: 178

16 (iv) CORRESPONDENCE ADDRESS:

17 (A) ADDRESSEE: BROWDY AND NEIMARK, P.L.L.C.

18 (B) STREET: 624 Ninth Street N.W., Suite 300

19 (C) CITY: Washington

20 (D) STATE: D.C.

21 (E) COUNTRY: U.S.A.

22 (F) ZIP: 20001

24 (v) COMPUTER READABLE FORM:

25 (A) MEDIUM TYPE: Floppy disk

26 (B) COMPUTER: IBM PC compatible

27 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

28 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

30 (vi) CURRENT APPLICATION DATA:

C--> 31 (A) APPLICATION NUMBER: US/09/050,359B

C--> 32 (B) FILING DATE: 31-Mar-1998

33 (C) CLASSIFICATION:

39 (vii) PRIOR APPLICATION DATA:

36 (A) APPLICATION NUMBER: PCT/US97/19638

37 (B) FILING DATE: 31-OCT-1997

40 (A) APPLICATION NUMBER: US 08/740,671

41 (B) FILING DATE: 31-OCT-1996

43 (viii) ATTORNEY/AGENT INFORMATION:

44 (A) NAME: COOPER, Iver P

45 (B) REGISTRATION NUMBER: 28,005

46 (C) REFERENCE/DOCKET NUMBER: FOWLKES=4B

48 (ix) TELECOMMUNICATION INFORMATION:

49 (A) TELEPHONE: (202) 628-5197

50 (B) TELEFAX: (202) 737-3528

53 (2) INFORMATION FOR SEQ ID NO: 1:

55 (i) SEQUENCE CHARACTERISTICS:

56 (A) LENGTH: 33 base pairs

57 (B) TYPE: nucleic acid

58 (C) STRANDEDNESS: single

59 (D) TOPOLOGY: linear

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61 (ii) MOLECULE TYPE: cDNA  
 63 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
 65 GANNKNNKN NKNNKTGGNN KNNKNNKNNK NNK  
 67 (2) INFORMATION FOR SEQ ID NO: 2:  
 69 (i) SEQUENCE CHARACTERISTICS:  
 70 (A) LENGTH: 33 base pairs  
 71 (B) TYPE: nucleic acid  
 72 (C) STRANDEDNESS: single  
 73 (D) TOPOLOGY: linear  
 75 (ii) MOLECULE TYPE: cDNA  
 77 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
 79 NNKGANNKN NKNNKTGGNN KNNKNNKNNK NNK 33  
 81 (2) INFORMATION FOR SEQ ID NO: 3:  
 83 (i) SEQUENCE CHARACTERISTICS:  
 84 (A) LENGTH: 33 base pairs  
 85 (B) TYPE: nucleic acid  
 86 (C) STRANDEDNESS: single  
 87 (D) TOPOLOGY: linear  
 89 (ii) MOLECULE TYPE: cDNA  
 91 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
 93 NNKNNKGANN NKNNKTGGNN KNNKNNKNNK NNK 33  
 95 (2) INFORMATION FOR SEQ ID NO: 4:  
 97 (i) SEQUENCE CHARACTERISTICS:  
 98 (A) LENGTH: 33 base pairs  
 99 (B) TYPE: nucleic acid  
 100 (C) STRANDEDNESS: single  
 101 (D) TOPOLOGY: linear  
 102 (ii) MOLECULE TYPE: cDNA  
 104 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
 106 NNKNNKNNKG ANNNKTGGNN KNNKNNKNNK NNK 33  
 108 (2) INFORMATION FOR SEQ ID NO: 5:  
 110 (i) SEQUENCE CHARACTERISTICS:  
 111 (A) LENGTH: 33 base pairs  
 112 (B) TYPE: nucleic acid  
 113 (C) STRANDEDNESS: single  
 114 (D) TOPOLOGY: linear  
 116 (ii) MOLECULE TYPE: cDNA  
 118 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
 120 NNKNNKNNKN NKGANNTGGNN KNNKNNKNNK NNK 33  
 122 (2) INFORMATION FOR SEQ ID NO: 6:  
 124 (i) SEQUENCE CHARACTERISTICS:  
 125 (A) LENGTH: 33 base pairs  
 126 (B) TYPE: nucleic acid  
 127 (C) STRANDEDNESS: single  
 128 (D) TOPOLOGY: linear  
 130 (ii) MOLECULE TYPE: cDNA  
 132 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
 134 NNKNNKNNKN NKNNKTGGGA NNNKNNKNNK NNK 33  
 136 (2) INFORMATION FOR SEQ ID NO: 7:

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138 (i) SEQUENCE CHARACTERISTICS:  
139 (A) LENGTH: 33 base pairs  
140 (B) TYPE: nucleic acid  
141 (C) STRANDEDNESS: single  
142 (D) TOPOLOGY: linear  
143 (ii) MOLECULE TYPE: cDNA  
144 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
145 NNKNNKNNKN NKNNKTGGNN KGANNKNNK NNK  
146 33  
150 (2) INFORMATION FOR SEQ ID NO: 8:  
152 (i) SEQUENCE CHARACTERISTICS:  
153 (A) LENGTH: 33 base pairs  
154 (B) TYPE: nucleic acid  
155 (C) STRANDEDNESS: single  
156 (D) TOPOLOGY: linear  
157 (ii) MOLECULE TYPE: cDNA  
158 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
159 NNKNNKNNKN NKNNKTGGNN KNNKGANNNK NNK  
160 33  
161 (2) INFORMATION FOR SEQ ID NO: 9:  
165 (i) SEQUENCE CHARACTERISTICS:  
166 (A) LENGTH: 33 base pairs  
167 (B) TYPE: nucleic acid  
168 (C) STRANDEDNESS: single  
169 (D) TOPOLOGY: linear  
171 (ii) MOLECULE TYPE: cDNA  
173 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
175 NNKNNKNNKN NKNNKTGGNN KNNKNNKGAN NNK  
176 33  
177 (2) INFORMATION FOR SEQ ID NO: 10:  
179 (i) SEQUENCE CHARACTERISTICS:  
180 (A) LENGTH: 33 base pairs  
181 (B) TYPE: nucleic acid  
182 (C) STRANDEDNESS: single  
183 (D) TOPOLOGY: linear  
184 (ii) MOLECULE TYPE: cDNA  
186 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
188 NNKNNKNNKN NKNNKTGGNN KNNKNNKNNK GAN  
189 33  
190 (2) INFORMATION FOR SEQ ID NO: 11:  
192 (i) SEQUENCE CHARACTERISTICS:  
193 (A) LENGTH: 10 amino acids  
194 (B) TYPE: amino acid  
195 (C) STRANDEDNESS: single  
196 (D) TOPOLOGY: linear  
197 (ii) MOLECULE TYPE: peptide  
199 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:  
201 Xaa Xaa Xaa Xaa Tyr Xaa Xaa Xaa Xaa  
202 1 5 10  
204 (2) INFORMATION FOR SEQ ID NO: 12:  
206 (i) SEQUENCE CHARACTERISTICS:  
207 (A) LENGTH: 10 amino acids  
208 (B) TYPE: amino acid

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209 (C) STRANDEDNESS: single  
210 (D) TOPOLOGY: linear  
211 (ii) MOLECULE TYPE: peptide  
213 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:  
W--> 215 Xaa Xaa Xaa Xaa Tyr Leu Xaa Xaa Xaa Xaa  
216 1 5 10  
218 (2) INFORMATION FOR SEQ ID NO: 13:  
220 (i) SEQUENCE CHARACTERISTICS:  
221 (A) LENGTH: 10 amino acids  
222 (B) TYPE: amino acid  
223 (C) STRANDEDNESS: single  
224 (D) TOPOLOGY: linear  
226 (ii) MOLECULE TYPE: peptide  
228 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:  
W--> 230 Xaa Xaa Xaa Pro Pro Xaa Xaa Pro Xaa Xaa  
231 1 5 10  
233 (2) INFORMATION FOR SEQ ID NO: 14:  
235 (i) SEQUENCE CHARACTERISTICS:  
236 (A) LENGTH: 14 amino acids  
237 (B) TYPE: amino acid  
238 (C) STRANDEDNESS: single  
239 (D) TOPOLOGY: linear  
241 (ii) MOLECULE TYPE: peptide  
243 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:  
W--> 245 Xaa Xaa Xaa Xaa Xaa Pro Xaa Pro Pro Xaa Pro Xaa Xaa  
246 1 5 10  
248 (2) INFORMATION FOR SEQ ID NO: 15:  
250 (i) SEQUENCE CHARACTERISTICS:  
251 (A) LENGTH: 27 base pairs  
252 (B) TYPE: nucleic acid  
253 (C) STRANDEDNESS: single  
254 (D) TOPOLOGY: linear  
256 (ii) MOLECULE TYPE: cDNA  
258 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:  
260 CTGTGCGGAT CCATGGATCG CAAGACG 27  
262 (2) INFORMATION FOR SEQ ID NO: 16:  
264 (i) SEQUENCE CHARACTERISTICS:  
265 (A) LENGTH: 27 base pairs  
266 (B) TYPE: nucleic acid  
267 (C) STRANDEDNESS: single  
268 (D) TOPOLOGY: linear  
270 (ii) MOLECULE TYPE: cDNA  
272 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:  
274 CTGTGCGAAT TCCTAGCCGC ACTTTG 27  
276 (2) INFORMATION FOR SEQ ID NO: 17:  
278 (i) SEQUENCE CHARACTERISTICS:  
279 (A) LENGTH: 63 base pairs  
280 (B) TYPE: nucleic acid  
281 (C) STRANDEDNESS: single

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282 (D) TOPOLOGY: linear  
284 (ii) MOLECULE TYPE: cDNA  
286 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:  
288 GACTGTGCCT CGAGKNNKNN KNNKNNKNNK YYYNNKNNKN NKNNKNNKTC TAGACGTGTC 60  
290 AGT 63

292 (2) INFORMATION FOR SEQ ID NO: 18:  
294 (i) SEQUENCE CHARACTERISTICS:  
295 (A) LENGTH: 15 base pairs  
296 (B) TYPE: nucleic acid  
297 (C) STRANDEDNESS: single  
298 (D) TOPOLOGY: linear  
300 (ii) MOLECULE TYPE: cDNA  
302 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:  
304 ACTGACACGT CTAGA 15

306 (2) INFORMATION FOR SEQ ID NO: 19:  
308 (i) SEQUENCE CHARACTERISTICS:  
309 (A) LENGTH: 22 amino acids  
310 (B) TYPE: amino acid  
311 (C) STRANDEDNESS: single  
312 (D) TOPOLOGY: linear  
314 (ii) MOLECULE TYPE: peptide  
316 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:  
W--> 318 Xaa Cys Glu His Val Cys Ser  
319 1 5 10 15  
321 Trp Gly Trp Gly Arg Cys  
322 20

324 (2) INFORMATION FOR SEQ ID NO: 20:  
326 (i) SEQUENCE CHARACTERISTICS:  
327 (A) LENGTH: 11 amino acids  
328 (B) TYPE: amino acid  
329 (C) STRANDEDNESS: single  
330 (D) TOPOLOGY: linear  
332 (ii) MOLECULE TYPE: peptide  
334 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:  
336 Pro Thr Ser Asp Leu Trp Arg Asn Leu Gly Gly  
337 1 5 10

339 (2) INFORMATION FOR SEQ ID NO: 21:  
341 (i) SEQUENCE CHARACTERISTICS:  
342 (A) LENGTH: 11 amino acids  
343 (B) TYPE: amino acid  
344 (C) STRANDEDNESS: single  
345 (D) TOPOLOGY: linear  
347 (ii) MOLECULE TYPE: peptide  
349 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:  
351 Trp Gly Glu Thr Met Trp Asp Asn Arg Lys Val  
352 1 5 10

354 (2) INFORMATION FOR SEQ ID NO: 22:  
356 (i) SEQUENCE CHARACTERISTICS:  
357 (A) LENGTH: 11 amino acids